INTERACTIVE FLAT PANEL

TL550

Touch | 16:9 WIDE | 6.5ms | Speaker | Eye-Protect Sensor | PIP | nextwindow

Highlights

Interactive displays have become one of the most powerful office tools today, replacing traditional meetings and trainings with a new style of business communication that's proven to enhance meeting efficiency, training effectiveness, collaborative discussion, and team building. A winning solution for your business, the BenQ Interactive Flat Panel TL550 combines the power of optical touch panel and multimedia connectivity to maximize your presentations. Designed with safety and flexibility in mind, the TL550 is easy and simple to install in any office setting using a VESA wall mount.

Optical Sensing Touch Technology

Built with the Optical Sensing Touch technology, the TL550 allows you to control your computer directly by touching the screen. It's faster, easier and far more precise when all you need to do is point and touch with the tip of your finger. Connect your computer to the TL550 with a USB cable to get started!

Optical Dual Touch Technology

Pair the TL550 with Windows 7 and watch the Optical Dual Touch Technology works its magic turning the displayed image or spreadsheet figure into a multi-touch screen. Trainer or speaker can invite two audiences to come up to the board for a quick contest and trial.

Ambient Light Sensor

The TL550 is built with an ambient light sensor to detect the amount of ambient lighting in its surrounding and adjust the display setting accordingly without user intervention. This means the audience can always enjoy optimal picture quality in office.

Integrated Speaker

To help professional elites gain the competitive edge by enriching their meeting with multimedia resources, BenQ has built 12W speakers into the TL550. The use of videos, music and sound effects make every presentation more engaging and effective.

Specifications

LCD Size	55”
Light Source	LED
Resolution	FHD 1920 x 1080
Aspect Ratio	16:9
Brightness (typ)	400 nits
Contrast Ratio (typ)	4000:1
Response Time (ms)	6.5 ms
Frame Rate	120Hz
Viewing Angle (L/R: U/D)	178/178
Color gamut (x% NTSC)	72%
Panel Bit	10 bit
Weight (kg) without packing/with packing	42.4 / 48.4 kg
Dimension (WxHxD mm)	1262.4 x 748.5 x 87mm
Housing Material	Metal (NCT)
Wall Mounting (mm)	4 Holes (200 x 400mm)
System	
Brightness (typ)	350 nits
Power	
Voltage	100 V - 240V, 50 Hz / 60 Hz (built-in)
Maximum (Watt)	<185W
Standby (Watt)	<0.5W
Touch	
Technology	Optical Dual Touches (for Win7 only)
Resolution (Points area function)	32767 x 32767
Capacity	2 simultaneous touches
Touch Output	USB 2.0
PC	Support Window XP, Window Vista, Window 7
Accuracy	+/- 5.75mm over 95% of touchable area
Audio	
Audio W (Amp)	12W x 2
IO	
Line in	Yes
Power (AC) Input / Output	Yes
Audio Output (L/R, RCA)	Yes
External Speaker Out (L/R)	Yes
Audio Input (L/R)	Yes (x2)
HDMI In	Yes
DVI Input	Yes
VGA In \ Out	Yes
USB (Touch to External PC)	Yes
RS232 Input \ Output	Yes
Component In (YPbPr, RCA)	Yes
S-Video In	Yes
Composite Video In \ Out (BNC)	Yes
Features	
Sharpness Enhancement	Yes
Proof of Image Retention	Yes
DCR	10000:1
Picture in Picture (PIP)	Yes
De-Interlacing / Comb Filter	Yes
Color Processing	10 Bit
Build-In Video Wall Support	Yes
Scheduling	Yes
Ambient Light Sensor	Yes
Total Turn-on Time	Yes
Diagnostic DC Voltage	12v / 5v
Internal Temperature Sensor	Yes
Limited Warranty	3 Year Parts & Labor
UPC Code	TBD

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